



*Date of Application, 13th Dec., 1894*

*Complete Specification Left, 12th Sept., 1895—Accepted, 9th Nov., 1895*

### PROVISIONAL SPECIFICATION.

#### Improved Balling Instrument for Horses or other Cattle.

HARRY SEWELL Great Creaton Northamptonshire Groom do hereby declare the nature of this invention to be as follows:—

A cylinder of wood—metal—or any other suitable material of suitable size or length constructed with a plunger or piston working inside. Below the plunger or piston and working on piston rod is a spring which is compressed by means of a button fix'd in piston rod and working in a slot. When the spring is at full compression the button is turned round either to right or left into a small recess where it is held, the ball is then placed in the instrument and when the ball is to be ejected into horses or other animals throat, the spring is released (by a slight movement of either finger or thumb of hand holding the instrument) by turning button out of recess.

Dated this 12th day of December 1894.

HARRY SEWELL.

### COMPLETE SPECIFICATION.

#### Improved Balling Instrument for Horses or other Cattle.

HARRY SEWELL Groom Great Creaton Northamptonshire do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

A cylinder of wood, metal or any other suitable material of suitable size and length constructed with a plunger or piston working inside. Below the plunger or piston and working on piston rod is a spring which is compressed by means of a button fix'd in piston rod and working in a slot the rear end of piston rod is shoulder'd & screwed and fitted with adjusting nut and washers. When the spring is at full compression the button is turnd round either to right or left into a small recess where it is held, the ball is then placed in the instrument and when the ball is to be ejected into horses or animals throat the spring is released (by a slight movement of either finger or thumb of hand holding the instrument) by turning button out of recess.

The above description will be readily understood by reference to drawings hereinafter given and in which the invention is clearly pointed out.

Fig. 1 of the drawings is the cylinder.

*a*<sup>1</sup> the slot & recess in which button works.

Fig. 2 is cylinder D 1, piston D 2, button D 3 and spring D 4 rear adjustment D 5 shewn in section.

Fig. 3 is piston and spring.

*b*<sup>3</sup> is piston button.

*c*<sup>3</sup> is piston rear adjustment.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is

1st. In a balling instrument the combination of a cylinder with piston & spring to act on ball automatically.

[Price 8d.]

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*Sewell's Improved Balling Instrument for Horses or other Cattle.*

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2nd. In a balling instrument the combination of a cylinder with piston and spring and adjustment at rear end of piston to regulate distance ball is ejected substantially as described.

Dated this September 11th 1895.

HARRY SEWELL,  
Great Creaton, Northampton, Groom.

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Fig 1

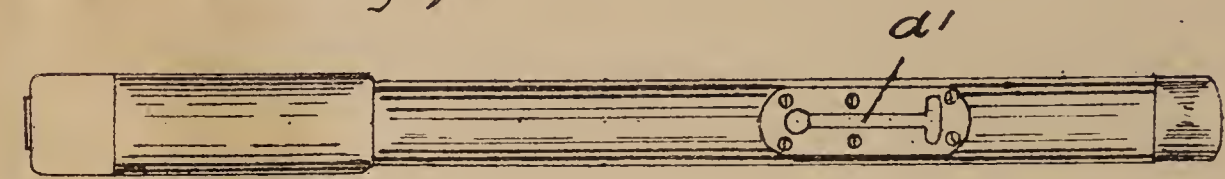


Fig 2

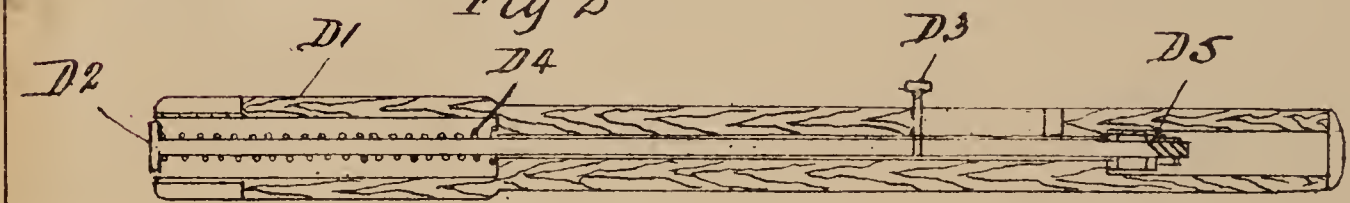
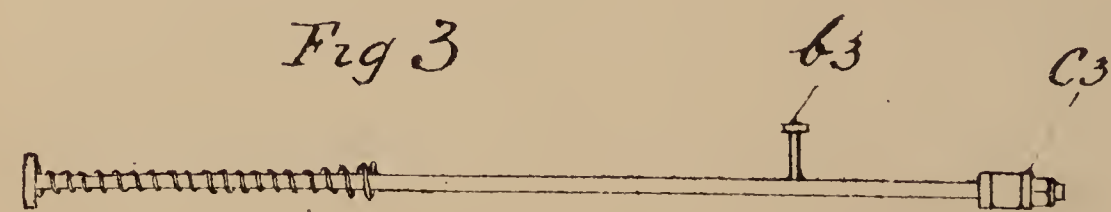


Fig 3



SCALE



[This Drawing is a reproduction of the Original on a reduced scale]

